

ANTIBACTERIAL PAPER AND ITS PRODUCTION

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Inventor: KATO TOSHIO
Applicant: IMAGE LAB TECST INC
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- **international:** D21H21/36; D21H17/67
- **european:**
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Abstract of JP2000119995

PROBLEM TO BE SOLVED: To obtain antibacterial paper effectively enable sterilization or decomposition of organic substances by uniformly dispersing and fixing titanium oxide powder supported with porous ceramic on the surface part of paper material.

SOLUTION: This antibacterial paper having prescribed shape is obtained by sinking and setting a mesh-like shaping mold having prescribed shape in a papermaking tank, stirring and dispersing pulp raw material in the tank, throwing titanium oxide powder supported with porous ceramic after sticking a part of a paper material on the surface of the shaping mold, draining from the inside of the shaping mold to make the titanium oxide particles uniformly attach on the surface of the shaping mold, taking out the shaping mold from the papermaking tank, drying and releasing the paper material.

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19. Titanium dioxide-containing antibacterial paper and its production

CAS SECTION- 143

CAS SUBSECTION- 007

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NO-ABSTRACT

**IDENTIFIER(S)- lamp shade antibacterial paper; titanium dioxide contg antibacterial paper
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CAS REGISTRY/EC NUMBER(S)- 13463-67-7 HEADING PARENT- Titanium oxide